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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/603,384 | 06/25/2003 | Milton Shizuo Noguchi | 9024.1009 | 3460 |

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| EXAMINER |
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KIM, TAE W

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| ART UNIT | PAPER NUMBER |
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2876

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE | DELIVERY MODE |
|--|------------|---------------|
| 3 MONTHS | 04/03/2007 | PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/603,384

Applicant(s)

NOGUCHI, MILTON SHIZUO

Examiner

Tae W. Kim

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Blackson (US 20030041028 A1) in view of Jones (US 20040016797 A1).

Re claim 1: Blackson discloses self-service banking apparatus, comprising: a depositary module (10 in fig 1) consisting of the following sub-modules: a document receiving door (46 in fig 1, par. 0037), a document guider (48 in figs 1 & 2, par. 0038 & 0042) and a deposit cassette (52 in fig 1, par. 0039) provided with self locking cover (par. 0039), wherein the depositary module includes within itself simultaneously the following sub-modules: a printer (par 0020, par. 0060) for printing identification or other data on any deposited documents.

However, Blackson does not disclose or fairly suggest a document duplicity detector, a bar code reader for reading the bar codes on any documents; a magnetic character reader (CMC7) for reading the characters included on any document; a scanner for image capturing which digitalizes and files the image of any document (front and back).

Jones however discloses a document duplicity detector (par. 0118: detected by the evaluation region of the device 700, par. 0155-0156), a bar code reader (112 in fig 1a, 128 in fig

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1b, par. 0044-0046, 0048-0052, 0054-0058, 0063-0065) for reading the bar codes on any documents; a magnetic character reader (CMC7) (112 in fig 1a, par 0045) for reading the characters included on any document; a scanner for image capturing which digitalizes and files the image of any document (front and back) (112 in fig 1a, par. 0045-0047).

Therefore, it would have been obvious at the time the invention was made to a person having ordinarily skill in the art to incorporate Jones' teaching into Blackson's self-service banking apparatus for the purpose of providing a wide range of features and services.

Re claims 2-6: claim 2 is not considered due to the entire claim limitations being optional (i.e. "in an optional version"). Claims 3-6 are also not considered, because they are also optional due to the dependency on the optional claim 2.

Re claim 7: Blackson as modified by Jones discloses the self-service banking apparatus according to claim 1, wherein the depositary module presenting as modular and scaled, allowing for the addition/removal of various modules and sub-modules according to market needs and/or request (Jones: fig 10b, par. 0027, 0098, 0134, 0137-0142: module & modular).

3. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Blackson (US 20030041028 A1) as modified by Jones (US 20040016797 A1) in view of Hilt (US 6408284 B1).

Re claim 8. Blackson as modified by Jones discloses the self-service banking apparatus according to claim 1, wherein the depositary module permits the automatic accomplishment of multiple operations and functions simultaneously including: check and/or currency deposits in envelopes (Blackson: 80 in fig 3, par 0047, 106 in fig 5, par. 0057), individual check deposits

(Blackson: par 0037, 0078), currency deposit (Jones: par. 0061), currency recycling and supply (Blackson: par. 0035-0036), etc., in single equipment.

However, Blackson as modified by Jones does not disclose or fairly suggest that the automatic accomplishment of multiple operations and functions includes bill payments.

Hilt however discloses that the automatic accomplishment of multiple operations and functions includes bill payments (abst., col 7 lines 33-39)

Therefore, it would have been obvious at the time the invention was made to a person having ordinarily skill in the art to incorporate Hilt's teaching into self-service banking apparatus of Blackson as modified by Jones for the purpose of providing a wide range of features and services.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tae W. Kim whose telephone number is 571-272-5971. The examiner can normally be reached on Mon-Fri 7AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on 571-272-2398. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR

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system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Tae W. Kim

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Patent Examiner

TWK



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